

Title (en)  
POLYBUTYLENE TEREPHTHALATE RESIN COMPOSITION

Title (de)  
POLYBUTYLENTEREPHTHALAT-HARZZUSAMMENSETZUNG

Title (fr)  
COMPOSITION DE RÉSINE DE POLY(TÉRÉPHTALATE DE BUTYLÈNE)

Publication  
**EP 3369777 B1 20200513 (EN)**

Application  
**EP 16859858 A 20161026**

Priority

- JP 2015214131 A 20151030
- JP 2016081763 W 20161026

Abstract (en)  
[origin: EP3369777A1] Provided is a polybutylene terephthalate resin composition in which it is possible to effectively suppress discoloration without lowering the heat shock resistance. The polybutylene terephthalate resin composition according to the present invention constitutes part of a molded article having a lightness L\* value of 80 or higher as measured using a color difference meter, wherein: the polybutylene terephthalate resin composition includes a polybutylene terephthalate resin having a terminal carboxyl group content of 30 meq/kg or less, a carbodiimide compound, and a phosphite compound; and the phosphite compound content is 0.05-0.15 parts by mass per 100 parts by mass of polybutylene terephthalate resin.

IPC 8 full level  
**C08L 67/02** (2006.01); **C08K 5/29** (2006.01); **C08K 5/524** (2006.01)

CPC (source: EP US)  
**C08K 5/29** (2013.01 - EP US); **C08K 5/524** (2013.01 - EP US); **C08L 67/02** (2013.01 - EP US); **C08L 2203/30** (2013.01 - US)

C-Set (source: EP US)

1. **C08K 5/29 + C08L 67/02**
2. **C08K 5/524 + C08L 67/02**

Cited by  
WO2021229470A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 3369777 A1 20180905; EP 3369777 A4 20181205; EP 3369777 B1 20200513**; CN 108350255 A 20180731; CN 108350255 B 20200207; HU E050528 T2 20201228; JP 6267406 B2 20180124; JP WO2017073629 A1 20171026; PL 3369777 T3 20201102; US 10526482 B2 20200107; US 2018319976 A1 20181108; WO 2017073629 A1 20170504

DOCDB simple family (application)  
**EP 16859858 A 20161026**; CN 201680061058 A 20161026; HU E16859858 A 20161026; JP 2016081763 W 20161026; JP 2017533647 A 20161026; PL 16859858 T 20161026; US 201615770026 A 20161026